

ARIZONA DEPARTMENT OF WATER RESOURCES Water Planning & Permitting Division

Water Planning & Permitting Division 1110 West Washington St., Suite 310 Phoenix, Arizona 85007 Phone (602) 771-8737 Fax (602) 771-8689 JUL 3 0 2021

ADWR RECHARGE

APPLICATION FOR UNDERGROUND STORAGE FACILITY PERMIT (A.R.S. § 45-811.01)

The initial fee for an Underground Storage Facility Permit Application is \$2,000. Total fees for this application are based upon an hourly billable rate, which can be found on the ADWR web site at www.azwater.gov. If the costs of reviewing your application exceed \$2,000, you will be invoiced for the differenced, up to a maximum total

FOR OFFICE USE ONLY
Application No.: 71-223849.000

Date Received: 7130 2021

fee of \$25,000. Payment may be made by cash, check, or credit card, (if you wish to pay by credit card, please contact the Recharge Program at 602-771-8737). Checks should be made payable to the Arizona Department of Water Resources. In addition to the hourly application fee, the applicant must pay any review-related costs associated with the application and the actual cost of mailing or publishing any legal notice of the application or any notice of a pre-decision administrative hearing on the application. Review related costs are: (1) costs associated with a pre-decision hearing on the application, such as court reporter services and facility rentals for the hearing, and (2) mileage expenses for a site visit conducted before issuing a decision on the application. Failure to enclose the initial application fee will cause the application to be returned. Fees for an Underground Storage Facility Permit Application are authorized by A.R.S. § 45-871.01 and A.A.C. R12-15-103.

FA	CILITY DESIGN: (check one) APPLICATION FOR: (check one)					
¥	Constructed Underground Storage Facility (USF)					
	Managed • Modification of USF permit no.:					
	71-223849.0000					
	Renewal of USF permit no.:					
	71					
	GENERAL INFORMATION					
1.	Name of Applicant: EPCOR Water Arizona Inc. 2355 W Pinnacle Peak Road, Suite 300 Phoenix AZ 85027					
	Mailing Address City State Zip Contact Person: Christina Cameron Shane, PE Telephone: 623-587-5211 Email: CShane@epcor.com					
2.	Facility name: Luke 303 Water Reclamation Facility					
	(This will be the name used on the permit and in all ADWR correspondence)					
3.	Is this a State Demonstration Project? Yes X No					
	(NOTE: Pursuant to A.R.S. § 45-893.01, only Conservation Districts qualify to participate in State Demonstration Project					
	program.)					
4.	Name of Active Management Area or Irrigation Non-Expansion Area where the facility will be located: Phoenix AMA					
	(If the facility is NOT located within an AMA or INA, please indicate "NONE.")					
5.	Name of the groundwater basin and subbasin where the facility will be located: <u>Salt River Valley Basin and West Salt River Valley Basin and West Salt River Valley Subbasin</u>					

5.	Legal description of the location of the facility: <u>NE ¼ of SE ¼ Section 18, T2N, R1W, Gila and Salt River Baseline / Meridian</u>						
	(quarter/quarter/quarter/section, township and range – see Appendix C of USF Application Guide)						
6.	Does the applicant own the land where the facility is to be located?No						
7.	The total design capacity of the facility: 77,825 acre-ft (includes 1,252 af Sept 2017 – July 2021 plus 76,573 af Aug 20 Sept 2037) (acre-feet to be stored over the duration of the USF permit)						
8.	The maximum annual amount of water proposed for storage at this facility: 4,761 afy (acre-feet per year)						
9.	Proposed duration of permit: 16 years 1 month (current expiration September 8, 2037) (years)						
10.	Type of source water to be stored: ☐ CAP Water						
	If Decreed and Appropriative Surface Water, list river(s):						
11.	I agree under penalty of law to obtain any required floodplain use permit from the county flood control district before beginning any construction activities, as required by A.R.S. § 45-811.01(C)(4). ✓ Agree ☐ Disagree						
12.	For managed USFs where effluent will be stored only: Are you requesting that this facility be designated as a facility that could add value to a national park, national monument or state park, as described in A.R.S. § 45-811.01(D)? Yes • No						
	If yes, please submit a completed USF Permit Application Supplement to designate a Managed Underground Storage						
	Facility as one that could add value to a national park, national monument, or state park and all additional information as						
	described on the USF Permit Application Supplement.						
13.	For permit modifications only, give a brief description of the modification(s) requested by this application: EPCOR is in the process of Luke 303 WRF improvements to expand the facility from 326.7 afy to 4.761 afy via the construction of eight (8) basins, in addition to existing Basin 1-2. This application is intended to modify the original permit to the established expiration date of September 8, 2037.						
SUPPORTING EVIDENCE							
Ch	Check the following items that have been included with this submittal. For a new USF application, all items must be						

Check the following items that have been included with this submittal. For a new USF application, all items must be submitted prior to receiving a complete and correct determination by the Department. For a modification to an existing USF permit, submit only those items that apply to the modification. For a full description of these requirements refer to the USF Application Report in the USF Application Guide.

14. USF Site and Facility Characteristics:

→ Site Characteristics

 ✓ Geology

✓ Facility Characteristics	→ Hydrogeology with the Amelysia					
5. Unreasonable Harm and Hydrologic Feasibility Analysis: Procedures and Results for Calculating Maximum Area of Impact and Mounding Analysis						
 ✓ Procedures and Results for Calculating Maximum Area of Impact and Mounding Analysis ✓ Land and Water Use Inventory ✓ Unreasonable Harm Analysis ☐ Monitoring Plan 						
 Water Quality 	 ✓ Unicasonable Harm Analysis ✓ Hydrologic Feasibility Conclusions 	Operation and Ma	intenance			
,,,						
16. Legal Requirements:						
☐ Technical Capability	☐ Financial Capability	Legal Access				
SIGNATURE						
the information contained and statements made herein are true and correct. Christina Shane Digitally signed by Christina Shane Date: 2021.07.27 15:53:07 -07'00'						
Telephone	Signature of owner or author	rized agent				
27 July 2021	Engineering 1	Engineering Project Manager				
Date of signature	Title					
2355 W. Pinnacle Peak Rd. Suite 300	Phoenix	AZ	85027			
Mailing Address	City	State	Zip			

NOTICE

A.R.S. § 41-1030(B), (D), (E) and (F) provide as follows:

- B. An agency shall not base a licensing decision in whole or in part on a licensing requirement or condition that is not specifically authorized by statute, rule or state tribal gaming compact. A general grant of authority in statute does not constitute a basis for imposing a licensing requirement or condition unless a rule is made pursuant to that general grant of authority that specifically authorizes the requirement or condition.
- D. This section may be enforced in a private civil action and relief may be awarded against the state. The court may award reasonable attorney fees, damages and all fees associated with the license application to a party that prevails in an action against the state for a violation of this section.
- E. A state employee may not intentionally or knowingly violate this section. A violation of this section is cause for disciplinary action or dismissal pursuant to the agency's adopted personnel policy.
- F. This section does not abrogate the immunity provided by section 12-820.01 or 12-820.02.